From the INTERNATIONAL SEARCHING AUTHORIT	PCT
To: GLAXOSMITHKLINE Corporate Intellectual Property Attn. Giddings, Peter John 980 Great West Road (CN925.1) Brentford, Middlesex TW8 9GS UNITED KINGDOM	NOTIFICATION OF TRANSMITTAL OF GLAXOSMITHEIMERNATIONAL SEARCH REPORT OR THE DECLARATION Corporate IP Received BRENTFORD (PCT Rule 44.) 18 JUL 2003 21 JUL 2003 ATTY: Dave of making IPM: 1/1 day/robrospan/pD CA: 18 PC (2003)
Applicant's or agent's file reference AXP/PG4788	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/EP 03/03348	International filing date (day/month/year) 27/03/2003
Applicant GLAXO GROUP LIMITED	
Filing of amendments and statement under Article 17(2)(a) to entitled in the so wishes, to amend When? The time limit for filing such amendments International Search Report; however, for 34, chemin des Colombo 1211 Geneva 20, Switze Fascimile No.: (41–22) 7 The applicant is hereby notified that no Internation Article 17(2)(a) to that effect is transmitted herewite.	is is normally 2 months from the date of transmittal of the more details, see the notes on the accompanying sheet. WIPO ettes errand 740.14.35 the accompanying sheet. all Search Report will be established and that the declaration under
the protest together with the decision thereor applicant's request to forward the texts of both	n has been transmitted to the International Bureau together with the the the protest and the decision thereon to the designated Offices.
no decision has been made yet on the protes	st; the applicant will be notified as soon as a decision is made.
If the applicant wishes to avoid or postpone publication priority claim, must reach the International Bureau as completion of the technical preparations for internation. Within 19 months from the priority date, a demand for it wishes to postpone the entry into the national phase upon the control of the applicant in the control of the	national application will be published by the International Bureau. n, a notice of withdrawal of the international application, or of the provided in Rules 90bis.1 and 90bis.3, respectively, before the nal publication. International preliminary examination must be filed if the applicant antil 30 months from the priority date (in some Offices even later). Insult perform the prescribed acts for entry into the national phase ected in the demand or in a later election within 19 months from the
Name and mailing address of the International Searching A	authority Authorized officer

European Patent Office, P.B. 5818 Patentiaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Panayota Georgakopoulou

Form PCT/ISA/220 (July 1998)

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the PCT Applicant's Guide, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international polication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the international Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been its filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

Notes to Form PCT/ISA/220 (first sheet) (January 1994)

NOTES TO FORM PCT/ISA/220 (continued)

The letter must indicate the differences between the claims as filed and the claims as amended. It must, in particular, indicate, in connection with each claim appearing in the international application (it being understood that identical indications concerning several claims may be grouped), whether

- (i) the claim is unchanged;
- (ii) the claim is cancelled;
- (iii) the claim is new;
- (iv) the claim replaces one or more claims as filed;
- (v) the claim is the result of the division of a claim as filed.

The following examples illustrate the manner in which amendments must be explained in the accompanying letter:

- [Where originally there were 48 claims and after amendment of some claims there are 51]:
 *Claims 1 to 29, 31, 32, 34, 35, 37 to 48 replaced by amended claims bearing the same numbers;
 claims 30, 33 and 36 unchanged; new claims 49 to 51 added."
- [Where originally there were 15 claims and after amendment of all claims there are 11]:
 "Claims 1 to 15 replaced by amended claims 1 to 11."
- [Where originally there were 14 claims and the amendments consist in cancelling some claims and in adding new claims]:
 "Claims 1 to 6 and 14 unchanged; claims 7 to 13 cancelled; new claims 15, 16 and 17 added." or
 "Claims 7 to 13 cancelled; new claims 15, 16 and 17 added; all other claims unchanged."
- 4. [Where various kinds of amendments are made]: "Claims 1-10 unchanged; claims 11 to 13, 18 and 19 cancelled; claims 14, 15 and 16 replaced by amended claim 14; claim 17 subdivided into amended claims 15, 16 and 17; new claims 20 and 21 added."

"Statement under article 19(1)" (Rule 46.4)

The amendments may be accompanied by a statement explaining the amendments and indicating any impact that such amendments might have on the description and the drawings (which cannot be amended under Article 19(1)).

The statement will be published with the international application and the amended claims.

It must be in the language in which the international appplication is to be published.

It must be brief, not exceeding 500 words if in English or if translated into English.

It should not be confused with and does not replace the letter indicating the differences between the claims as filed and as amended. It must be filed on a separate sheet and must be identified as such by a heading, preferably by using the words "Statement under Article 19(1)."

It may not contain any disparaging comments on the international search report or the relevance of citations contained in that report. Reference to citations, relevant to a given claim, contained in the international search report may be made only in connection with an amendment of that claim.

Consequence if a demand for international preliminary examination has already been filed

If, at the time of filing any amendments under Article 19, a demand for international preliminary examination has already been submitted, the applicant must preferably, at the same time of filing the amendments with the International Bureau, also file a copy of such amendments with the International Preliminary Examining Authority (see Rule 62.2(a), first sentence).

Consequence with regard to translation of the international application for entry into the national phase

The applicant's attention is drawn to the fact that, where upon entry into the national phase, a translation of the claims as amended under Article 19 may have to be furnished to the designated/elected Offices, instead of, or in addition to, the translation of the claims as filed.

For further details on the requirements of each designated/elected Office, see Volume II of the PCT Applicant's Guide.

Notes to Form PCT/ISA/220 (second sheet) (January 1994)





INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of	of Transmittal of International Search Report (20) as well as, where applicable, item 5 below.
AXP/PG4788	ACTION	
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/EP 03/03348	27/03/2003	28/03/2002
Applicant		
OLANO ODOUD LIMITED		
GLAXO GROUP LIMITED		
This International Search Report has bee according to Article 18. A copy is being tra	n prepared by this International Searching Aut ansmitted to the International Bureau.	hority and is transmitted to the applicant
This International Search Report consists X	of a total of sheets.	s report.
1. Basis of the report	international search was carried out on the ba	usis of the international application in the
a. With regard to the language, the language in which it was filed, un	less otherwise indicated under this item.	is of the international approach, in the
the international search v Authority (Rule 23.1(b)).	vas carried out on the basis of a translation of	the international application furnished to this
b. With regard to any nucleotide ar	nd/or amino acid sequence disclosed in the i	nternational application, the international search
was carried out on the basis of the	ie sequence listing : onal application in written form.	
	ernational application in computer readable for	rm.
	o this Authority in written form.	
1 1 1	o this Authority in computer readble form.	
the statement that the su	bsequently furnished written sequence listing as filed has been furnished.	does not go beyond the disclosure in the
		is identical to the written sequence listing has been
2. X Certain claims were for	und unsearchable (See Box I).	
3. Unity of invention is lac	king (see Box II).	
4. With regard to the title,		-
•	ubmitted by the applicant.	
the text has been establi	shed by this Authority to read as follows:	
MORPHOLINE DERIVATIVE FOR USE AS CCR-3 ANT	S WITH A SUBSTITUTED ACETAM AGONISTS FOR THE TREATMENT	IDE GROUP IN THE 2-POSITION OF INFLAMMATORY DISEASES
5. With regard to the abstract,		
the text has been established	submitted by the applicant. Ished, according to Rule 38.2(b), by this Autho ne date of mailing of this international search re	ority as it appears in Box III. The applicant may, eport, submit comments to this Authority.
6. The figure of the drawings to be put	blished with the abstract is Figure No.	
as suggested by the app		X None of the figures.
because the applicant fa		
because this figure bette	er characterizes the invention.	

International application No.

PCT/EP 03/03348

INTERNATIONAL SEARCH REPORT

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)

Certain compounds of formula (I):

$$R^{1}$$
 X Y R^{3} R^{10} R^{2} $(I$

wherein:

R1 represents substituted or unsubstituted aryl;

X represents -O- or a bond;

Y represents -(CR_{na}R_{nb})_n-;

 R_{na} and R_{nb} are each independently hydrogen or $C_{1\text{-}6}alkyl;$

n is an integer from 1 to 5;

R² represents unsubstituted or substituted aryl or unsubstituted or substituted

heteroaryl;

R³ represents hydrogen or C₁₋₆alkyl;

R¹⁰ represents hydrogen or C₁₋₆alkyl;

and salts and solvates thereof

are CCR3 antagonists and are therefore indicated to be useful in therapy of inflammatory conditions.



Application No PCT/ET 03/03348

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61K31/5377 A61K31/5375 A61P29/00
C07D413/12 C07D413/06 C07D209/48 C07D209/48

A61P11/06

C07D265/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, BEILSTEIN Data, CHEM ABS Data

	4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.	Relevant to claim No.	
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
P,X	WO 02 26722 A (HARRISON LEE ANDREW ;JUDD DUNCAN BRUCE (GB); GLAXO GROUP LTD (GB);) 4 April 2002 (2002-04-04) examples claim 1	1-24	
X	KATO S ET AL: "NOVEL BENZAMIDES AS SELECTIVE AND POTENT GASTRIC PROKINETIC AGENTS 1. SYNTHESIS AND STRUCTURE-ACTIVITY RELATIONSHIPS OF N-(2-MORPHOLINYL)ALKYLBENZAMIDES" JOURNAL OF MEDICINAL CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 33, no. 5, May 1990 (1990-05), pages 1406-1413, XP001037844 ISSN: 0022-2623 example 9	19	

Further documents are listed in the continuation of box C.	Palent tamily members are listed in airliex.		
Special categories of cited documents: A* document defining the general state of the art which is not considered to be of particular relevance.	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
 "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed 	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
Date of the actual completion of the international search	Date of mailing of the international search report		
7 July 2003	18/07/2003		
Name and mailing address of the ISA	Authorized officer		
European Patent Office, P.B. 5616 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Johnson, C		

1



1	Intern	Application No
	PCT/EP	03/03348

	Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT tegory * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.				
Category °					
1	WO 00 31032 A (HOFFMANN LA ROCHE) 2 June 2000 (2000-06-02) page 2, line 25 - line 27; claim 1	1-24			

1

International Application No. PCTEP 03 03348

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 18,19 (part)

The compounds of claims 18 and 19 contain a substituent A, which is defined as a "protected amino group". However, this definition is only clear when the reaction conditions in which the amine remains protected, and those in which it is deprotected are specified. This is not the case in present claims 18 and 19. The broadest definition which is unambiguously clear has been used in the search, namely A = phthalimido (p. 28).

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.



Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)				
This inte	rnational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:				
	Although claim 23 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.				
2. X	Claims Nos.: 18,19 (part) because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:				
	see FURTHER INFORMATION sheet PCT/ISA/210				
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Day II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)				
Box II	ernational Searching Authority found multiple inventions in this international application, as follows:				
i nis inte	ernational Searching Admonty today internation in the meaning opposite specific searching Admonty today international international searching Admonty today international international searching Admonty today in the international search in the internation search in the internation search in the internation search in the internation searc				
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.				
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
з. 🔲	As only some of the required additional search fees were timely pald by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:				
4. 🗌	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remari	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				

INTEREST TIONAL SEARCH REPORT Interest on on patent family members

Application No PCT/E: 03/03348

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 0226722	A	04-04-2002	AÚ	9014301 A	08-04-2002
•==			WO	0226722 A1	04-04-2002
			NO	20031442 A	26-05-2003
WO 0031032		02-06-2000	AU	1382500 A	13-06-2000
000200			BR	9915520 A	17-07-2001
			CA	2350903 A1	02-06-2000
			CN	1331677 T	16-01-2002
			CZ	20011760 A3	12-12-2001
			DE	19955794 A1	31-05-2000
			WO	0031032 A1	02-06-2000
			EP	1131288 A1	12-09-2001
			ES	2158814 A1	01-09-2001
			FR	2786185 A1	26-05-2000
		•	GB	2343893 A ,B	24-05-2000
			HU	0104364 A2	29-04-2002
			ΙT	T0991009 A1	21-05-2001
			JP	2002530374 T	17-09-2002
			NO	20012411 A	16-05-2001
			PL	348375 A1	20-05-2002
			TR	200101398 T2	21-09-2001
			US	6166015 A	26-12-2000